Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-7. (Canceled)

8.   (Currently Amended) A system comprising:

a home server including a service component <u>installed in a network software stack</u>, the service component to detect when a server application listens for a connection;

a remote client coupled through the Internet and to the system by an Internet agent, the Internet agent listening on behalf of the home server for connection requests from a remote client;

a forwarding agent <u>directly</u> connected to the home server, wherein the service component informs the forwarding agent that the server application is listening for a connection and forwards the access parameters to the forwarding agent, the forwarding agent to provide the Internet agent with access parameters received from the home server; and

a gateway running a Network Address Translation (NAT) software program, the gateway connecting the forwarding agent to the Internet agent via the Internet;

wherein, if the remote client provides proper access parameters to the Internet agent, the Internet agent provides the remote client access to a service running on the home server <u>and the Internet agent and the forwarding agent become layer 4 routers</u>.

9. (Original) The system of claim 8, wherein the forwarding agent establishes an outgoing connection with the Internet agent through the NAT, to provide a channel for incoming connection requests.

10. (Canceled).

11. (Original) The system of claim 10, wherein the service component allows access to the server application by a remote client by:

a) inquiring whether a user would like the server application to be accessible from a remote client; and

b) setting required access parameters.

12-27. (Canceled)

28. (New) A method comprising:

detecting when a server application of a home server listens for a connection utilizing a service component installed in a network software stack;

utilizing an Internet agent to couple a remote server through the Internet to the home server, the Internet agent listening on behalf of the home server for connection requests from a remote client;

utilizing a forwarding agent directly connected to the home server to provide the Internet agent with access parameters received from the home server, wherein a service component of the home server informs the forwarding agent that the server application is listening for a connection and forwards the access parameters to the forwarding agent; and

connecting the forwarding agent to the Internet and the Internet agent using a gateway running a Network Address Translation (NAT) software program;

wherein, if the remote client provides proper access parameters to the Internet agent, the Internet agent provides the remote client access to a service running on the home server and the Internet agent and the forwarding agent become layer 4 routers.

29.   (New) The method of claim 28, wherein the forwarding agent establishes an outgoing connection with the Internet agent through the NAT, to provide a channel for incoming connection requests.

30.   (New) The method of claim 29, wherein the service component allows access to the server application by a remote client by:

a) inquiring whether a user would like the server application to be accessible from a remote client; and

b) setting required access parameters.